

Tri-State Motor Transit

Carrier's No 1117AA

Name of Carrier

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

AT Marietta, Ohio Niagara Falls, NY 9/14, 19 64 From METALS DIVISION Unetco Minerals Corp.
UNION CARBIDE CORPORATION

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Southern Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading including those on the back thereof set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

Consigned to UCC Metals Division X Unetco Minerals Corporation SHIPPER'S ORDER NO CUSTOMER'S ORDER NO

Destination Uravan State Colorado County Montrose

Route

Delivering Carrier Tri State Motor Transit Car or Vehicle Initials 7618 No 415147 Seal 262550

No Packages	Kind of Package, Description of Articles Special marks and Exceptions	*Weight (Sub to correction)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
9	Radioactive Materials LSA nos	425.5			(Signature of consignor) If charges are to be prepaid write or stamp here: To be Prepaid Third Party PREPAID (See below)*
	Radioactive Material UN-2912				
	U-Natural				
	Uranium/Thorium Residues (From Chemical Processing)				
	0.016 Max Curies per Package				

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signed G. E. Walick

Vehicle assigned for sole use of consignor. Do not load other freight on the vehicle. do not transfer in route and do not break the seal on truck

Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation the shipper provided or affixed according to applicable regulations the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon

Signed G. E. Walick

Received \$ to apply in prepayment of the charges on the property described hereon

Agent or Cashier

Per (The signature here acknowledges only the amount prepaid)

Charges advanced

\$

This shipment is correctly described
Correct weight is lbs
Subject to verification by the

*L.G. Evans

Unetco Minerals Corp
P.O. Box 97
Niagara Falls, NY 14302

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per

METALS DIVISION Unetco Minerals Corp
UNION CARBIDE CORPORATION

Shipper

Agent

Per G. E. Walick

Per

Permanent postoffice address of shipper UC 326-34

UCCNHT0001795

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

Shipment No. 615-4014

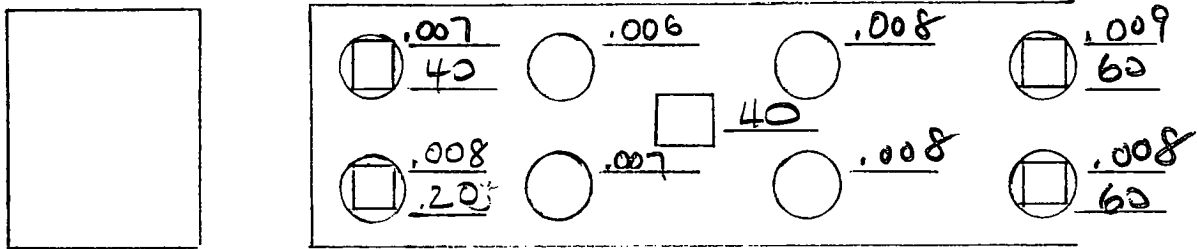
DATE: 9-14-84

Trailer No. 445199
TRAILER 3618

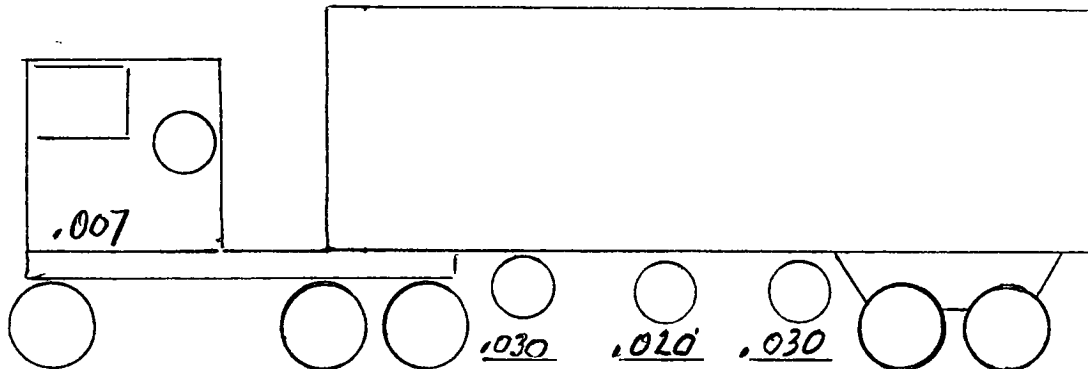
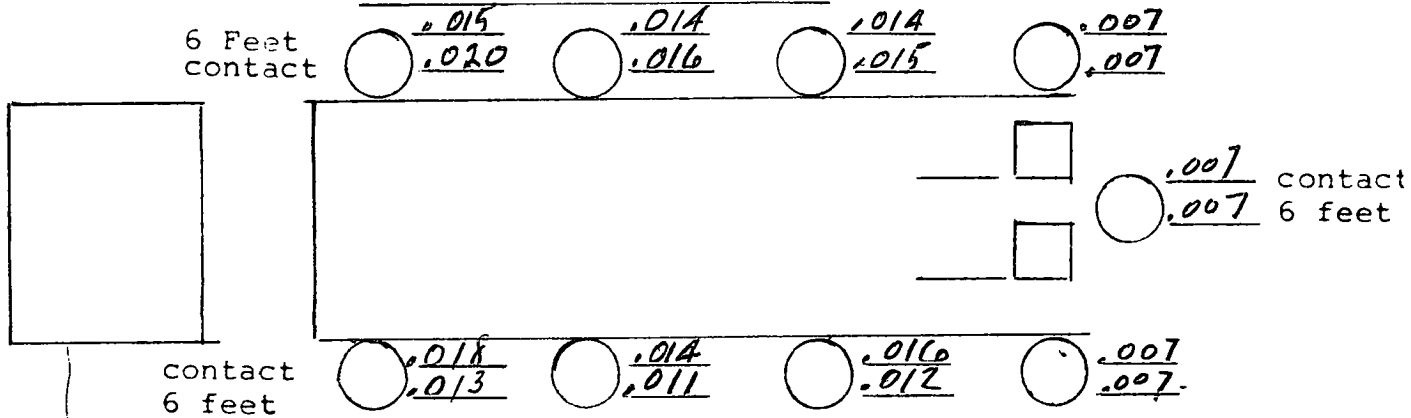
○ = mR/hr

□ = dpm/100cm²Bx

INCOMING SURVEY



OUTGOING SURVEY



(Survey Performed by)

UCCNHT0001796

3.0 AT DESTINATION (Union Carbide Corporation, Uravan, Colorado)

- 3.1 Give notification of arrival and receive guidance to unloading site.
- 3.2 Examine security seals and inspect outside of truck for damage or pilfering.
- 3.3 The shipment must be unloaded by Consignor from the transport vehicle in which originally loaded.
- 3.4 UCC or its representative will certify vehicles clean and available for Unrestricted Use and decontaminate if necessary.

4.0 PENALTY

- 4.1 Any deviation from these instructions or violations of State and Federal laws could result in carrier penalty.

Sam Helms
Driver's Signature

9 14 84
Date

SHIPMENT 615-4011

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. UR 84-93 BOX CULKED yes

BOX Banded yes BOX WEIGHT 4720

A-29551
SMEAR SURVEY _____ dpm/100cm² α _____ dpm/100cm² $\beta \gamma$

INST _____ INST _____

BOX SURVEY: CONT .022 3' .015 INI _____

UCCNHT0001798

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. CR84-74 BOX C ULKED Yes

BOX Banded Yes BOX WEIGHT 4616.

A-29552

SMEAR SURVEY _____ dpm/100cm² 2 _____ dpm/100cm²
B 8

INST _____ INST _____

BOX SURVEY: CONT .024 3' .010 INI _____

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. URR-99 BOX CULKED yes

BOX Banded yes BOX TIGHT 4520

A-79557
SMEAR SURVEY _____ dpm/100cm² _____ dpm/100cm²
BY

INST _____ INST _____

BOX SURVEY: CONT .020 3' .015 INI _____

UCCNHT0001800

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-19-54

LSA BOX SURVEY

BOX CONTROL NO. C1084-102 BOX CULKED Yes

BOX BANDED Yes BOX WEIGHT 5240

A-29560
SMEAP SURVEY _____ dpm/100cm² _____ dpm/100cm²
B B

INST _____ INST _____

BOX SURVEY: CONT .015 3' .010 INI _____

MARIETTA, OHIO

D. TE 9-14-54

BOX CONTROL NO. URF4-103 BOX C ULKED Yes

BOX BANDED Yes BOX WEIGHT 14870

A-2956
SMEAR SURVEY _____ dpm/100cm² _____ dpm/100cm²
p. 8

INST _____ INST _____

BOX SURVEY: CONT 032 3' 022 INT

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. UR84-104 BOX C ULKED yes

BOX Banded yes BOX A TIGHT 3970

A-29562
SMEAP SURVEY apm/100cm² dpm/100cm²
BS

INST INST

BOX SURVEY: CONT 022 3' 016 INI

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. UR84-105 BOX C ULKED Yes

BOX B-BANDED Yes BOX WEIGHT 5290

A-29563

SMEAR SURVEY _____ dpm/100cm² 2 _____ dpm/100cm²
38

INST _____ INST _____

BOX SURVEY: CONT .020 3' .010 INI _____

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. UR84-106 BOX CULKED yes

BOX Banded yes BOX WEIGHT 4250

A-29564
SMEAR SURVEY _____ apm/100cm² _____ dpm/100cm²
BS

INST _____ INST _____

BOX SURVEY • CONT .025 3' 2019 INI _____

UNION CARBIDE CORPORATION

METALS DIVISION

MARIETTA, OHIO

DATE 9-14-84

LSA BOX SURVEY

BOX CONTROL NO. 11284-107 BOX CULKED yes

BOX BANDED yes BOX WEIGHT 4770

A-29565
SMDAP SURVEY _____ dpm/100cm² α _____ dpm/100cm²
β γ

INST _____ INST _____

BOX SURVEY: CONT .024 3' .018 INI _____

Tri-State Motor Transit

Carrier's No 658744

Name of Carrier

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

AT Marietta, Ohio Niagara Falls, NY 9/14, 19 84 From **METALS DIVISION** Umetco Minerals Corp
UNION CARBIDE CORPORATION

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below in apparent good order except as noted (contents and condition of contents of packages unknown) marked consigned and destined as indicated below which said carrier (the word carrier being understood through out this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route otherwise to deliver to another carrier on the route to said destination It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Southern Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

Consigned to ~~UCCNHT0001807~~ Umetco Minerals Corporation SHIPPER'S ORDER NO CUSTOMER'S ORDER NO

Destination Uravan State Colorado County Montrose

Route

Delivering Carrier Tri-State Motor Transit Car or Vehicle Initials JGIF No 415197 Seal No 26250

No Packages	Kind of Package, Description of Articles, Special marks and Exceptions	*Weight (Sub to correction)	†Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor the consignor shall sign the following statement The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges
9	Radioactive Materials, LSA n o s	4241 #			(Signature of consignor) If charges are to be prepaid write "Prepaid" here. Third Party PREPAID (See below)*
	Radioactive Material, UN-2912				
	U-Natural				
	Uranium/Thorium Residues (From Chemical Processing)				
	0 016 Max Curies per Package				
This is to certify that the above named materials are properly classified, described packaged marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation Signed <i>G.E. Walck</i> G. E. Walck					Received \$ to apply in prepayment of the charges on the property described hereon Agent or Cashier
Vehicle assigned for sole use of consignor Do not load other freight on the vehicle do not transfer in route and do not break the seal on truck					Per (The signature here acknowledges only the amount prepaid) Charges advanced
Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation the shipper provided or affixed, according to applicable regulations the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon Signed <i>G.E. Walck</i>					This shipment is correctly described Correct weight is _____ lbs Subject to verification by the *L.G. Evans
					Umetco Minerals Corp P.O. Box 97 Niagara Falls, NY 14300

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per

METALS DIVISION Umetco Minerals Corp
UNION CARBIDE CORPORATION

Per *G.E. Walck* Shipper Agent
Permanent postoffice address of shipper UC 326-34 G.E. Walck

UCCNHT0001807

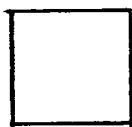
UMETCO MINERALS CORPORATION
NIAGARA FALLS, NEW YORK

DATE 9-14-84

TRACTOR NO. 3618

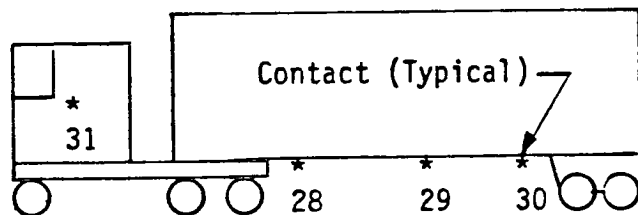
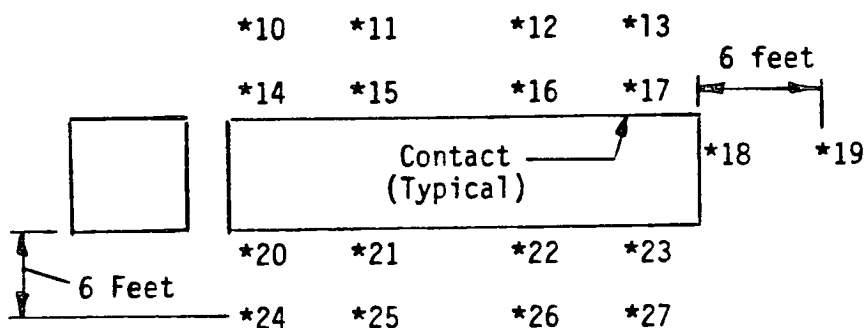
SHIPMENT NO. 615-4011

TRAILER NO. 445199



*1	*2	*3	*4
	*9		
*5	*6	*7	*8

TRUCK FLOOR SURVEY (UNLOADED)



TRUCK EXTERIOR SURVEY (LOADED)

NO.	δ	β
1	.007	40
2	.006	—
3	.008	—
4	.009	60
5	.008	20
6	.007	—
7	.008	—
8	.008	60
9	—	40
10	.015	—
11	.014	—
12	.014	—
13	.007	—
14	.020	—
15	.016	—
16	.015	—
17	.007	—
18	.007	—
19	.007	—
20	.018	—
21	.014	—
22	.016	—
23	.007	—
24	.013	—
25	.011	—
26	.012	—
27	.007	—
28	.030	—
29	.020	—
30	.030	—
31	.007	—

LEGEND:

* Location of Reading

δ = mR/hr Ludlum Model 19 (S/N 22534)

β = dpm/100 cm² Ludlum Model 15 (S/N 28886)
w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

J. E. Walsh
(Survey performed by)

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-93 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4720

RADIATION SURVEY (Total)

CONTACT .022 mR/hr.

3 FEET .018 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29551

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-94 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 4616

RADIATION SURVEY (Total)

CONTACT .024 mR/hr.

3 FEET .010 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29552

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 99 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4520

RADIATION SURVEY (Total)

CONTACT 020 mR/hr.

3 FEET .015 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29557

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-102 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 5240

RADIATION SURVEY (Total)

CONTACT .015 mR/hr.

3 FEET .010 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29560

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 103 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4870

RADIATION SURVEY (Total)

CONTACT . 032 mR/hr.

3 FEET . 022 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29561

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0001813

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-104 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 3970

RADIATION SURVEY (Total)

CONTACT .022 mR/hr.

3 FEET .016 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29562

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-105 BOX CAULKED YES

BOX BANDED YES BOX WEIGHT 5290

RADIATION SURVEY (Total)

CONTACT .020 mR/hr.

3 FEET .010 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29563

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-106 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4250

RADIATION SURVEY (Total)

CONTACT .025 mR/hr.

3 FEET .019 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29564

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0001816

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-14-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84-107 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4770

RADIATION SURVEY (Total)

CONTACT .024 mR/hr.

3 FEET .018 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29565

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0001817

UMETCO MINERALS CORPORATION
NIAGARA FALLS, NEW YORK

DATE 9-14-84

TRACTOR NO. 3618

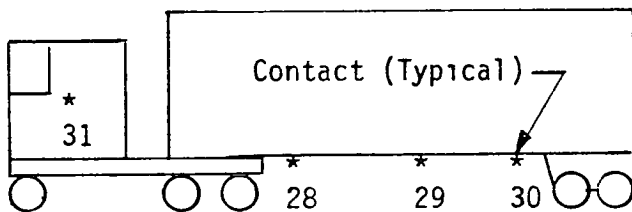
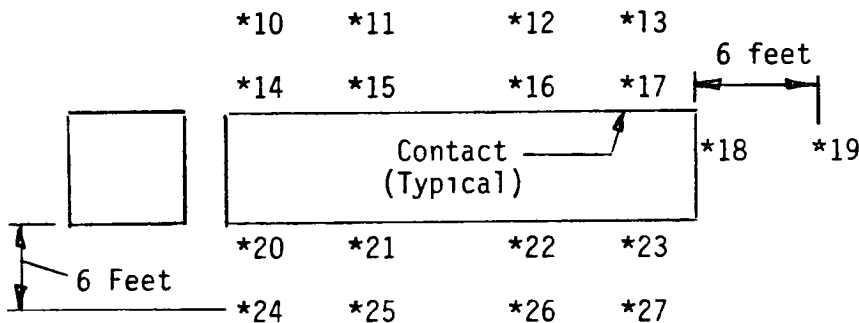
SHIPMENT NO. 615-4011

TRAILER NO. 445199



*1	*2	*3	*4
	*9		
*5	*6	*7	*8

TRUCK FLOOR SURVEY (UNLOADED)



TRUCK EXTERIOR SURVEY (LOADED)

NO.	σ	β
1	.007	40
2	.006	—
3	.008	—
4	.009	60
5	.008	20
6	.007	—
7	.008	—
8	.008	60
9	—	40
10	.015	—
11	.014	—
12	.014	—
13	.007	—
14	.020	—
15	.016	—
16	.015	—
17	.007	—
18	.007	—
19	.007	—
20	.018	—
21	.014	—
22	.016	—
23	.007	—
24	.013	—
25	.011	—
26	.012	—
27	.007	—
28	.030	—
29	.020	—
30	.030	—
31	.007	—

LEGEND.

* Location of Reading

σ = mR/hr Ludlum Model 19 (S/N 22534)

β = dpm/100 cm² Ludlum Model 15 (S/N 28886)
w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

J. E. Walsh
(Survey performed by)

UCCNHT0001818